

# PATENT ABSTRACTS OF JAPAN

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(21)Application number : 54-112152 (71)Applicant : YAMAHA MOTOR CO LTD

(22)Date of filing : 31.08.1979 (72)Inventor : YOKOYAMA TATSUJI

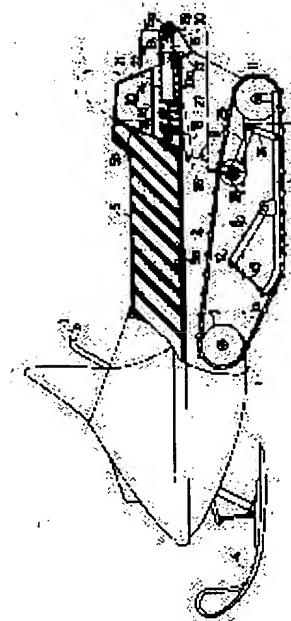
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## (54) REAR SUSPENSION FOR SNOWMOBILE

### (57)Abstract:

PURPOSE: To elongate cushion stroke of endless truck for improving a comfortable sense to ride in by disposing a suspension spring for absorbing vertical strokes of endless trucks on a snowmobile along the upper surface of frame at the rear portion thereof.

CONSTITUTION: Drive wheels 7 are rotatably suspended in the front portion of a truck housing 2 of a snowmobile, and left and right parallel slide rails 10 are suspended through front links 8 and suspension 9. Guide wheels 11 are rotatably suspended at the rear end of the rail 10, and endless trucks 6 are trained between the wheels 7, 11. The suspension 9 for this truck 6 and slide rail 10 is constituted from a suspension spring 14 and linkage (24W27) for connecting the spring 14 to the slide rail 10, and the suspension spring 14 constitutes a buffer 19 together with a barrel 15 and rod 16 and is disposed behind a frame 1 along the upper surface of the frame 1.



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